



Transition Activities

- Record magnet off cosmic triggers for detector checkout and alignment
- VStar surveys of forward muon system
 - Thanks to Alignment/metrology crew
- Installation and commissioning of replacement for solenoid power supply
- Update CTT equations to account for latest unresponsive fiber list
- Install new version of SMT readout firmware
 - Improved protection for power wirebonds
 - Attempt to enhance charge collection
- Replace unstable power supply for Central Fiber Tracker readout



Start-up

- On Saturday morning a power supply for the silicon system (located deep inside the detector) began misbehaving
 - Disabled 1/8 of silicon system
- Store 7994
 - Tune up luminosity measurements
 - Timing
 - High voltage settings
 - Thresholds
 - SMT bias scans
 - Forward muon yield studies
- Store 7996
 - Routinely running standard trigger (but missing 1/8 of SMT)
 - High losses during shot setup
 - Transverse location of beam off nominal



Sunday 22 August

- Open detector to replace SMT power supply
 - Unfortunately interlocks were dropped
- Replacement fails in similar manner
- Spent a few hours investigating
- Install second replacement and recover SMT
- While closing the detector some inputs from the A layer of the forward muon mini-drift tubes to the Level 1 muon trigger failed
- Spent several hours investigating loss of Level 1 muon trigger without resolution
 - During access today determined that seven cables were broken during detector closing on Sunday
 - Will need another access to complete recovery of forward muon trigger coverage



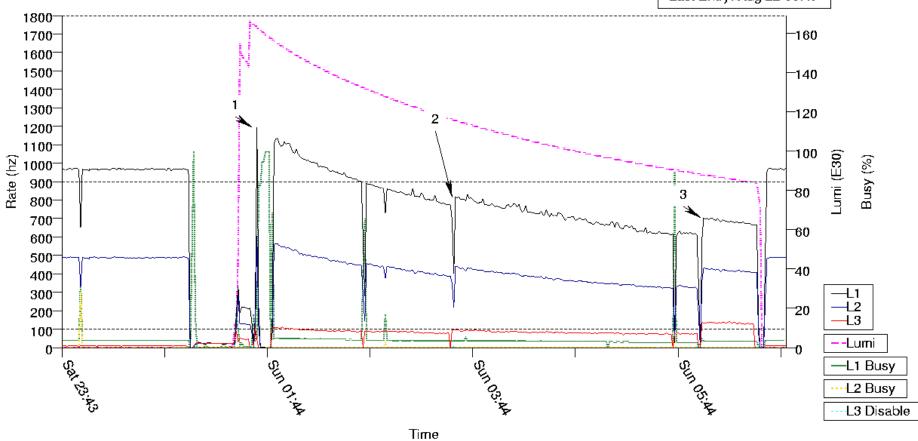
Weekly Summary

	Delivered	Recorded	Efficiency	
	(pb-1)	(pb-1)		
21-Aug-10	2.5	1.6	0.65	
22-Aug-10	2.0	1.8	0.89	
Total	4.5	3.4	0.76	

 Note that the SMT was compromised for all data listed in above table



Store: 7996 First Entry: Aug 21 23:43 Last Entry: Aug 22 06:47



	Run	Duration	inL	Live	scl/hr	pause	<tape rate=""></tape>	Prescale_File
1	264107	1.94 h	165.9	96%	7.7	0.17 h	75.9 hz	150-220E30
2	264108	2.40 h	117.7	-1	-0.4 -	1.00 h	-1.0 hz	100-150E30
3	264109	0.55 h	88.9	-1	-1.8 -1	I. 00 h	-1.0 hz	60-100E30